BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Modified Estimate for Reconstruction of Drains and Covering Slab in Ward No.05(jakkur) byatarayanapura Sub Division.

				Estimate Cost Rs.				1973710.00	
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB M200-15.1: Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T & P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. Iii) dismantling stone masonry, a rubble stone masonry in lime mortar, -do- B. Rubble stone masonry in cement mortar.) Page No. 145/ item No. 18.27 / PWD SR 2011-12	Cum							
	For SSM Drains		2	250.00	0.60	0.60	**180.00**		
	As per Tender Quantity 404.68						**180.00**	TR **180.00**	**32400.00**
	Schedule B Rate	**180.00**							
2	KSRB-4-1.3 : Providing and laying in position **plain cement concrete of mix M 7.5** withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2012-13	Cum							
	For SSM Drains		1	250.00	1.80	0.15	67.50		
	As per Tender Quantity 71.42						**67.50**	TR **3800.00**	**256500.00**
	Schedule B Rate	**3800.00**							
3	KSRB 4-1.7 : : Providing and laying in position **plain cement concrete of mix M10** withOPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2/P No. 13/ Item No. 4.7/ PWD SR 2012-13	Cum							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			2	250.00	0.45	0.10	22.50		
	For Vent		1	250.00	0.60	0.10	15.00		
	As per Tender Quantity 47.61						**37.50**	**TR 4320.00**	**162000.00**
	Schedule B Rate	**4320.00**							
4	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shutterng machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab	Sqm							
	Covering Slabs		1	336.00	1.50		504.00		
	As per Tender Quantity 952.20						**504.00**	**TR 1416.00**	**713664.00**
	Schedule B Rate	**1416.00**							
5	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum							
			Qty. Vide Item No. 6				**60.00**		
	As per Tender Quantity 220.00						**60.00**	**TR 69.00**	**4140.00**
	Schedule B Rate	**69.00**							
	Extra Items								
6	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.1/ PWD SR 2013-14	cum							
	For SSM Drain								
			1	250.00	0.60	0.40	60.00		
							60.00	126.36	**7582.00**
	Basic Rate	117.00							
	Area Weightage @ 8%	9.36							
	Total	**126.36**							
7	KSRB 5.2.3 Providing and constructing granite / trap / basalt Size stone masonry **in foundation** with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 25/ Item No. 5.6/ PWD SR 2013-14	cum							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	For SSM Drain		2	250.00	0.60	0.45	135.00		
	Deduction 20% of Dismentalling masonry Qty						36.00		
							99.00	3549.96	**351446.00**
	Basic Rate	3287.00							
	Area Weightage @ 8%	262.96							
	Total	**3549.96**							
8	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry **in basement** with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 26/ Item No. 5.9/ PWD SR 2013-14	**Sqm**							
	For SSM Drain		2	250.00	0.45	0.45	101.25		
							101.25	**4227.12**	**427996.00**
	Basic Rate	3914.00							
	Area Weightage @ 8%	313.12							
	Total	**4227.12**							
9	KSRB 15.1.3: Providing **FLush pointing** to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 122/ Item No. 15.1/ PWD SR 2013-14	Sqm							
	For SSM Drain		2	250.00		0.45	225.00		
							225.00	79.92	**17982.00**
	Basic Rate	74.00							
	Area Weightage @ 8%	5.92							
	Total	**79.92**							
								Total	**1973710.00**

(Rupees Nineteen Lakhs Seventy Three One Hundred Seventy Eight and Paise Thiruty Four Only)

1 **Estimate Sanction amount Rs =1995000.00**
2 **Tender Agriment Amount Rs =1974772.00**
3 **Tender Primioum Below -1.00%**

Assistant Engineer
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Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

19.73 lakhs only
Seventy three
hundred ten only

"Modified Estimate Sanctioned"
03/12/13
Chief Engineer
Yelahanka Zone
Bruhath Bangalore Mahanagara Palike
Bangalore 92

18/14 07/2/14

EIRL

Name of Work for :- Modified Estimate for Reconstruction of Drains and Covering Slab in Ward No.05(jakkur) byatarayanapura Sub Division.

Administratively Approved No: 718/12-13 Date: 07.01.2013

WORK ORDER NO:EE/BTP/BBMP/E-PROC/01/2012-13 Date: 17.05.2013 **CODE NO: 006-13-000031**

Tender Premium : 1.00% Below

Sl. No.	Description of work	Unit	Approx Qty	Rate	Amount	Whether the item are alternative to the item in tender or whether they are additional items for the same items in the acceptage such items should be mentioned	Whether extra item included in the sanctioned estimate	How the extra cost of the item is proposed to be met	Whether extra item included in SR if so ref. to SR to be given if not DATA rates should accompany this rate list	Remarks
E1	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.1/ PWD SR 2013-14	cum	37.26 60.00	126.36	4708.17 ✓ 7582.00	Extra Item	NO	From the over all Sanction of the estimate	SR 13-14	-
E2	KSRB 5.2.3 Providing and constructing granite / trap / basalt Size stone masonry **in foundation** with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 25/ Item No. 5.6/ PWD SR 2013-14	cum	99.36 99.00	3549.96	352724.03 ✓ 351446.00	Extra Item	NO	From the over all Sanction of the estimate	SR 13-14	

E3	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry **in basement** with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 26/ Item No. 5.9/ PWD SR 2013-14	**Sqm**	74.52 101.25	4227.12	315004.98 427996.00	Extra Item	NO	From the over all Sanction of the estimate	SR 13-14	
E4	KSRB 15.1.3: Providing **FLush pointing** to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 122/ Item No. 15.1/ PWD SR 2013-14	Sqm	165.60 225	79.92	13234.75 17982.00	Extra Item	NO	From the over all Sanction of the estimate	SR 13-14	
	Total			**Rs.**	**685671.93** 805005.54					

EIRL % = 805005.54

685671.93 * **100.00** = **34.37** **Percentage of Original Sanctioned Estimate.**
1995000.00 40.35

Asst. Engineer,
Ward-05
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Asst.Executive Engineer,
Byatarayanapura Sub-Division
Bruhat Bengaluru Mahanagara Palike
ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬೆಂಗಳೂರು-92

Executive Engineer,
Byatarayanapura Division
Bruhat Bengaluru Mahanagara Palike
B.B.M.P. Bangalore

"EIRL" Approved"
Chief Engineer 03/12/13
Yelahanka Zone
Bruhath Bangalore Mahanagara Palike
Bangalore 92

BRUHAT BENAGLORE MAHANAGARA PALLIKE , YELAHANKA ZONE BANGALROE

Comparative Statement

Tender Notification No:BBMP/EE/BTP/E-Ten/Loa/4410/2012-13 Dated: 19.03.2013

Sl No	Description	Unit	As per Sanctioned Estimate			As per Approved Qnatity			As per Actual Tender Rate And Quantity			Up to 125% Tender Quntity			Above 125% Tender Quntity			As per Actual Total Amount	Exess	Savenings	Remaks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount				
1	KSRRB M200-15.1: Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T & P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. Iii) dismantling stone masonry, a rubble stone masonry in lime mortar, -do- B. Rubble stone masonry in cement mortar.) Page No. 145/ item No. 18.27 / PWD SR 2011-12	Cum	404.69	183.60	**74301.08**	404.69	180.00	**72844.20**	180.00	180.00	**32400.00**	180.00	180.00	**32400.00**				**32400.00**		40444.20	✓
2	KSRRB 300-1. Earth work excavation by manual means in **hard soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. No. 149/ Item No. 19.2/ PWD SR 2012-13	cum	238.05	81.00	**19282.05**	238.05	80.00	**19044.00**										**0.00**		19044.00	✓
3	KSRB-4-1.3 : Providing and laying in position **plain cement concrete of mix M 7.5** withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2012-13	Cum	71.42	3884.76	**277449.56**	71.42	3800.00	**271396.00**	67.50	3800.00	**256500.00**	67.50	3800.00	**256500.00**				**256500.00**		14896.00	✓
4	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications.Specification NO. KBS 4.6.2 Page No. 16/ Item No. 4.28/ PWD SR 2012-13	Sqm	211.60	201.96	**42734.74**	211.60	200.00	**42320.00**										**0.00**		42320.00	✓
5	KSRB 4-1.7 : : Providing and laying in position **plain cement concrete of mix M10** withOPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2/P No. 13/ Item No. 4.7/ PWD SR 2012-13	Cum	47.61	4326.48	**205983.71**	47.61	4320.00	**205675.20**	37.50	4320.00	**162000.00**	37.50	4320.00	**162000.00**				**162000.00**		43675.20	✓

6	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shutterng machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab	Sqm	952.20	1427.15	**1358932.23**	952.20	1416.00	**1348315.20**	504.00	1416.00	**713664.00**	504.00	1416.00	**713664.00**				**713664.00**		634651.20	
7	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum	220.00	72.71	**15996.20**	220.00	69.00	**15180.00**	60.00	69.00	**4140.00**	60.00	69.00	**4140.00**				**4140.00**		11040.00	
	Extra Item																				
8	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.1/ PWD SR 2013-14	cum							60.00	126.36	**7581.60**	60.00	126.36	**7581.60**				**7581.60**	7581.60		
9	KSRB 5.2.3 Providing and constructing granite / trap / basalt Size stone masonry **in foundation** with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 25/ Item No. 5.6/ PWD SR 2013-14	cum							99.00	3549.96	**351446.04**	99.00	3549.96	**351446.04**				**351446.04**	351446.04		
10	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry **in basement** with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 26/ Item No. 5.9/ PWD SR 2013-14	**Sqm**							101.25	4227.12	**427995.90**	101.25	4227.12	**427995.90**				**427995.90**	427995.90		
11	KSRB 15.1.3: Providing **FLush pointing** to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 122/ Item No. 15.1/ PWD SR 2013-14	Sqm							225.00	79.92	**17982.00**	225.00	79.92	**17982.00**				**17982.00**	17982.00		
Total					**1994679.57**			**988838.93**			**1973709.54**			**1973709.54**			**0.00**	**1973709.54**	**805005.54**	**806070.60**	
																				1065.06	

"Comparitive Statement Approved"

Chief Engineer
Yelahanka Zone
Bruhath Bangalore Mahanagara
Bangalore 92

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ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬೆಂಗಳೂರು-92

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore